

ABSTRACT

A promoter for an angiopoietin-related growth factor (AGF), a vector comprising the promoter, a transformant comprising the promoter, and a method for screening an antiobesity agent, an antidiabetic agent, and/or a hypolipidemic agent by using the transformant, are disclosed. Further, an AGF knockout animal useful as an animal model for obesity, diabetes, and/or hyperlipemia is disclosed. Furthermore, an AGF transgenic animal useful for identification of a target molecule in a new drug development and/or a therapeutic agent for obesity, diabetes, and/or hyperlipemia is disclosed.